



## \*\*\* QDG DIGIPEAT December 2013 \*\*\*

Digipeat is the Official Newsletter of the Queensland Digital Group  
Incorporating 'Amateur Eye', the Official Newsletter of the  
South East Queensland Amateur Television Group

### December General Meeting

The December QDG general meeting will be held on Tuesday December 3 at the Chermide Library, meeting Room 1.

This is a joint SEQATV and QDG meeting.

The doors will open at 7:00pm for a meeting start of 7:30pm; if you arrive late, please push the buzzer for entry.

The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr). Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermide-library/>

**South East Queensland ATV Group Inc.**

**23cm FM ATV**

**23cm DATV**

**446.5Mhz DVB-T**

**VK4RMG**  
Digital ATV Repeater

**Incorporating**  
**VK4RMG**  
**VK4RTW**  
**VK4RGO**

*As part of the ATV Digital Network*

**PO Box 3,**  
**Chermide 4032**

### NEWS FROM THE SEQATV GROUP

#### New web site Live

Please check out the new Web site for the latest information and contact details.

<http://seqatv.org/>

## A TOTARA HAS FALLEN

From 1913 until 1930 VLA Awanui was New Zealand's foremost spark wireless telegraph station.  
<http://www.qsl.net/zl2bbb/Ocean%20Wavelength/Awanui%20VIA%20ZL1VIA.htm>

## Look out for ZL100VLA

From 18th Dec to 18th Jan incl. NZART Branch 78 has been granted use of the special c/s ZL100VLA to commemorate the 100th anniversary of the opening of NZ's first maritime coast station VLA/ZLA. We will be active on cw & ssb on all bands 80 to 10m, and on FM on 2m & 70cm (National System). Times will vary, depending on availability of operators. They will have a special QSL via the NZART Bureau.

## ZL 6m Group

There is now a Yahoo Group "ZL 6m Group" - this is for those of you interested in 6m (50mhz) band conditions, reporting contacts, or DX, not just contesting, and anything else related to 6m.  
<http://groups.yahoo.com/neo/groups/ZL6m/info>

## The WA7X Beacon

A Cycloid Dipole for 2m  
[http://www.wa7x.com/cycloid\\_info.html](http://www.wa7x.com/cycloid_info.html)

## HamWorld

A social network for hams!  
Here you can write about the amateur radio, find new ham-friends, add photos and videos, etc.  
<http://hamworld.net/>



## New Zealand to Australia contact via FUNcube-1

[http://www.southgatearc.org/news/november2013/new\\_zealand\\_to\\_australia\\_contact\\_via\\_funcube1.htm](http://www.southgatearc.org/news/november2013/new_zealand_to_australia_contact_via_funcube1.htm)

## Listening to FUNcube-1 with the RTL-SDR

Jason Charles N4JTC has posted an inexpensive way to listen and decode the FUNcube-1 (AO-73) telemetry beacon on 145.935 MHz using the cheap RTL-SDR dongle  
[http://www.southgatearc.org/news/november2013/listening\\_to\\_funcube1\\_with\\_the\\_rtl\\_sdr.htm#.UpML18\\_DpCk.facebook](http://www.southgatearc.org/news/november2013/listening_to_funcube1_with_the_rtl_sdr.htm#.UpML18_DpCk.facebook)

## WREN 437.405 MHz

### Help Needed !

The WREN team report that they have had no confirmed reception of the signal from their SSTV PocketQube satellite which was launched on November 21  
[http://www.southgatearc.org/news/november2013/wren\\_help\\_needed.htm#.UpW8V8CulMw.facebook](http://www.southgatearc.org/news/november2013/wren_help_needed.htm#.UpW8V8CulMw.facebook)

## Will 2-D Tin be the Next Super Material?

Theorists Predict New Single-Layer Material Could Go Beyond Graphene, Conducting Electricity with 100 Percent Efficiency at Room Temperature  
<https://www6.slac.stanford.edu/news/2013-11-21-tin-super-material-stanene.aspx>

# makeuseof

## How to Get Your Identity Stolen in One Easy Step

<http://www.makeuseof.com/tag/how-to-get-your-identity-stolen-in-one-easy-step/>

## Ophcrack

Ophcrack is a free Windows password cracker based on rainbow tables. It is a very efficient implementation of rainbow tables done by the inventors of the method. It comes with a Graphical User Interface and runs on multiple platforms.

<http://ophcrack.sourceforge.net/>



Most Popular Applications for Windows

<http://en.botbi.com/>

# THE JET LUGE COWBOY WEBSITE

HOME TO THE WORLD'S MOST POWERFUL JET-POWERED LUGE

<http://www.jetluge.com.au/>

## ACMA Radcom Database

Register of Radiocommunications Licences

[http://web.acma.gov.au/pls/radcom/register\\_search.main\\_page](http://web.acma.gov.au/pls/radcom/register_search.main_page)

## 2m SSB

Sunshine Coast 2m SSB net

19:30 Sundays on 144.4 MHz

Don't just use your equipment on field days, come up on air every Sunday.

## New 13CM repeater

The Sunshine Coast 23CM FM voice repeater is now on air.

Tx 1293.3 MHz Rx 1273.3 MHz

91.5 Hz tone

This can be accessed from Brisbane

## SEQATV Club Net

Wednesday nights

7:30 PM EST on VK4RAX 147.075 MHz repeater

## 2013 / 2014 dates

### Wyong Field Day

February 23 2014

<http://www.ccarc.org.au/wp/ccarc-field-day/>

### PR4AmateurRadio Expo

April 11-13, 2014

The WIA is strongly behind this Expo which harnesses its many affiliates as they showcase the benefits of modern amateur radio and engage the community.

<http://www.wia.org.au/members/promoting/pr4ar/>

## 2014 WIA AGM and Conference

May 17 & 18, 2014

Hosted by the Sunshine Coast ARC

<http://www.vk4wis.org/>

## Contests 2014

Summer VHF-UHF Field Day 2014 - 11/12 January

<http://www.wia.org.au/members/contests/vhfuhf/><http://www.wia.org.au/members/contests/vhfuhf/>

## QDG information

### QDG meeting dates 2013

December 6 (Combined SEQATV Group QDG meeting, meeting Room 1)

### QDG meeting dates 2014

January 17

February 21

March 21

April 18

May 16

June 20

July 18

August 15

September 19

October 17

November 21

Unless otherwise noted, QDG group general meetings are held on the third Friday on the month at the Chermside Library, Meeting Room 1.

The doors will open at 7:00pm for a 7:30pm start; if you arrive late, please push the buzzer for entry. The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr).

Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermside-library/>

## QDG Membership

QDG Membership is presently free.

As of November 2013 the QDG has 59 members.

Information and a list of members are up on the web site <http://www.qdg.org.au/qdgmemb.htm>

Membership forms are on the web site.

## QDG Membership services

Members receive additional 'Digipeat Extra' emails and invitations to other club activities not included in the Digipeat newsletter.

## Sound Card to Radio Interface

This computer to radio interface can be used for any audio mode including voice. The SCI provides isolation to remove earth loops as well as providing switching and level adjustment.

Contact Richard VK4ZA on 07 3376 5231, email [richatkn@tpg.com.au](mailto:richatkn@tpg.com.au) or via the QDG web site. Please contact Richard if you are interested in a dual interface PC board or a mark 2 version with modified connections.

## QDG club contacts

Club contact: Alan Wills VK4NA  
Digipeat Editor: Alan Wills VK4NA  
Web site: Alan Wills VK4NA  
Web site hosting: Tim O'Donohoe  
Supper: Alan Wills VK4NA  
JOTA: Richard VK4ZA

Phone: Alan Wills VK4NA after hours on 61 07 3351 1673  
Twitter @VK4NA

Email: [qdg@qdg.org.au](mailto:qdg@qdg.org.au)

Web site: <http://www.qdg.org.au>

Digipeat <http://www.qdg.org.au/qdgdigi.htm>

## South East Queensland ATV group Information

### SEQATV meeting dates 2013

December 3 (Combined SEQATV Group QDG meeting)

Unless otherwise noted, SEQATV group general meetings are held on the first Tuesday on the month at the Chermside Library, Meeting Room 1.

The doors will open at 7:00pm for a 7:30pm start; if you arrive late, please push the buzzer for entry. The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr).

Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermside-library/>

## SEQATV group Membership

SEQATV group Membership is set at the AGM, please contact the secretary for the current fee.  
The membership fee remains at \$20.00 for 2013

## SEQATV group Membership services

Members receive additional 'Amateur Eye Extra' emails and invitations to other club activities not included in the Digipeat or Amateur Eye newsletters.

## SEQATV Club Net

Wednesday nights

7:30 PM EST on VK4RAX 147.075 MHz repeater

## The SEQATV group Officers

### **Elected officers:-**

President: Arnold Youngberg VK4SU

Secretary: Peter Schrader VK4EA

Treasurer: Richard Cardon VK4XRL

### **Coopted Officers:-**

Technical Officer: Danny Granger VK4KI

Callback Officer: Peter Jones VK4YAC

Vice President: Alan Wills VK4NA

Additional coopted officers will be added as required.

## SEQATV group Contact Information

South East Queensland Amateur Television Group  
PO Box 3, Cherside Qld 4032, Australia

Amateur Eye (club mag) Phone: Alan Wills VK4NA after hours on 61 07 3351 1673

Email: [secretary@seqatv.org](mailto:secretary@seqatv.org)

Web site: <http://www.seqatv.org/>

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Enjoy your hobby!

73 Alan VK4YAR / VK4NA

\*\*\* Queensland Digital Group \*\*\*

\*\*\* SEQATV group \*\*\*

\*\* Supporting Radio Communications in VK4 \*\*